

Title (en)

Spherical aberration correcting method and apparatus

Title (de)

Verfahren und Gerät zur Korrektur der sphärischen Aberration

Title (fr)

Méthode et appareil pour corriger l'aberration sphérique

Publication

**EP 1385156 B1 20061108 (EN)**

Application

**EP 03015552 A 20030710**

Priority

JP 2002216683 A 20020725

Abstract (en)

[origin: EP1385156A1] A spherical aberration correcting apparatus is incorporated in an information recording system and gives the system a function of correcting spherical aberration in a real-time and effective manner under a recording operation of pieces of information. The spherical aberration correcting apparatus comprises a recording unit (50(2,4,8)), reflected-light level detecting unit (51(5,6)), correction amount deciding unit (52(6)), and spherical aberration correcting unit (53(7)). The recording unit records a piece of information through radiation of an optical beam (9) onto an optical disk (D). The detecting unit detects a level of light formed of the optical beam reflected from the optical disk under a recording operation for the information, while the deciding unit decides a correction amount for spherical aberration on the basis of the level of the reflected-light. The correcting unit corrects the spherical aberration by using the correction amount. <IMAGE>

IPC 8 full level

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CPC (source: EP US)

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